



THE LAKEHEAD AMATEUR RADIO
CLUB JOURNAL

April 2007
Volume 73 Issue 4

HI-Q



CLUB WEBSITE <http://www.larclub.net>

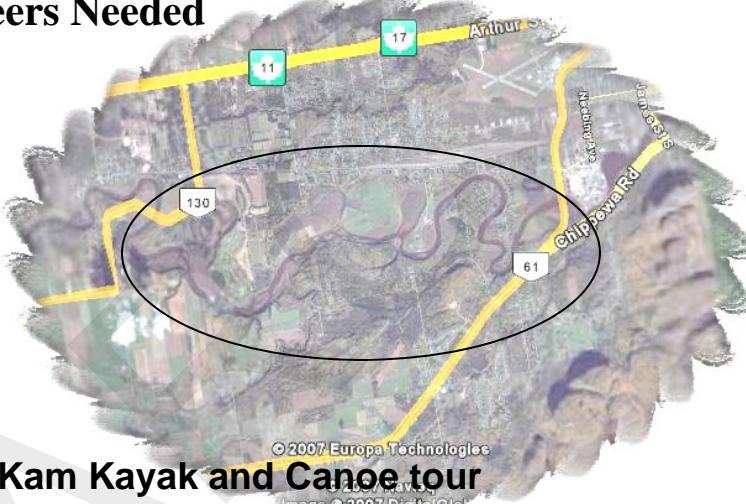
VE3FW—LARC call sign
honours the memory of the
Founding President
P.J. "Pat" O'Shea

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- Next Meeting
Thursday
April 12, 2007
at the McIntyre Building,
Confederation College
Room 191 at 7:30 pm
- Check out Northern Ontario Swap Net for buying and selling equipment !
- Check into the LARC
2 Meter ARES Net on YQT
every Tuesday evening at
7:00 pm local time

Volunteers Needed



Grand Kam Kayak and Canoe tour

June 30th? or July first, (the date isn't set yet but it will that weekend).

The race course will be starting and finishing at the Old Fort as well.

I am on the race safety committee and am looking for volunteers for race day! - Wayne VA3WRL

Should be a fun weekend !!

Contact Wayne VA3WRL or Brad VE3MXJ

LARC OPEN ACCESS REPEATERS

VE3YQT	Mount Baldy	147.060 (-600) Phone Patch
VE3TBR	St. Joseph's	145.490 (-600) (100.0 Hz) 442.075 (+5 MHz) 144.390 APRS
VE3BGA	Hillcrest H.S.	145.450 (-600) (IRLP Node VA3LU 123.0 Hz) 442.825 (+5 MHz) (100.0 Hz)
VE3UPP	Upsala	145.470 (-600)



LARC ANNUAL DINNER MEETING MINUTES

March 8, 2007**Judy VA3EAP, Secretary**

LAKEHEAD AMATEUR RADIO CLUB

Minutes of Meeting March 8, 2007

Terry **VA3LU**, introduced our speaker for the evening, Joe **VE3TBX**. Joe teaches a Firearms Safety Course and this evening talked about Firearms Licences. His presentation was both interesting and informative. A question and answer session followed his talk.

Meeting called to order by President Terry **VA3LU**...there were 20 members present.

Minutes of February 17th meeting as posted in Hi-Q - motion to accept Joe **VE3TBX**, seconded by Fort **VE3MCZ** - motion carried.

Financial Report as posted in Hi-Q - motion to accept Joe **VE3TBX**, seconded by Ed **VE3SNW** - motion carried.

Committee Reports

ARES, Randy **VA3OJ** reported that the Sibley Ski Tour went over extremely well considering the move out to Kamview. The volunteer-appreciation will be held at the Keg March 10th. The next event will be the 10-Mile Road Race.

Randy is also looking for volunteers to move TBR to St. Josephs Heritage.

Old Business

Up-coming events - Kids of Steel and Triathlon at the end of July

Joe **VE3TBX** has a newsletter from Grand Marais re SkyWarn - see him for information.

The LARC trailer will be set up at Hymers Fair again this year for Public Service - volunteers are needed to take a shift or two..good opportunity for newcomers to get involved !!!

Leo **VE3ATC** congratulated Bob **VE3RVA** and Gail for setting up the LARC dinner meeting at the Slovak Legion...thank you for a job well done.

Randy **VA3OJ** has graciously offered to hold Field Day out at his place again...thanks Randy.

New Business - None

50/50 draw won by Fort **VE3MCZ**

Motion to adjourn - Mike **VE3ZG**



Last Meeting
Guest Speaker

Joe VE3TBX , Master Instructor/Examiner of the Canadian Firearms Safety Course, gave a very informative overview of current Canadian gun laws and licensing requirements for firearms ownership and acquisition.

Thanks for a nice presentation, Joe!



Joe VE3TBX

**Lakehead Amateur Radio Club
Treasurers Report**

Opening Balance - March 2nd. 2007	\$ 5,681.84
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Income	Income	
Interest	\$	0.04
50/50 Draw	\$	8.00
Caps	\$	50.00
Students	\$	20.00
	Total Income	\$ 78.04

Expenses

Thunder Bay Telephone	\$	46.89
Bank Service Fee	\$	2.50
	Total Expenses	\$ 49.39

Closing Balance - April 8th, 2007	\$ 5,710.49
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**Joe Coghlan - VE3TBX
Treasurer**



Sibley Ski Tour - March 3, 2007

Although the Ski Tour was changed to Kamview Ski Trails due to snow conditions at Sibley, Norm, VE3XRC brought all the radio operators on line in our new surroundings with no problems.

Right- A warm refuge for Control Centre!



Photos by VA3EAP, VE3ATC



Wayne VA3WRL located a fresh pole at his checkpoint!



Fred VE3FAL and Club Organizer Norm VE3XRC



Showing off their model figures despite the cold are operators Judy VA3EAP and Maureen VA3MOB



Wayne VA3WRL sleeping on the job in the warm sun? Oh, maybe not.. Saved by a closeup photo showing his radio at the ready....

EUROPEAN PARLIAMENT HOSTS AMATEUR RADIO EXHIBITION

Amateur Radio went on display in Brussels, Belgium, earlier this month, thanks to the European Parliament, the International Amateur Radio Union

(IARU) and several Amateur Radio societies and organizations. IARU Region 1 EUROCOM Working Group Chairman Gaston Bertels, ON4WF, and his committee prepared the "Amateur Radio -- a European Resource" exhibition at the European Parliament. IARU Region 1 President Ole Garpestad, LA2RR, formally opened the exhibit March 5 as more than 100 visitors looked on. In introductory remarks, Bertels said the weeklong exhibition was designed to present the many facets of Amateur Radio.

"Amateur Radio is the ideal preparation for a future career in a wide range of science, technology and engineering roles," Bertels told the opening-day audience. "Many young people who qualify as radio amateurs continue to pursue higher education in science, technology and engineering disciplines."

Radio amateurs provide a valuable reservoir of skills for communications, information and high-tech industries, and many amateurs are employed in these areas."

He also cited the Amateur Radio satellite (AMSAT) organizations of Italy, Germany, Great Britain and France for providing "valuable input" to the event.

In her opening remarks, Member of the European Parliament (MEP) Mechtilde Rothe of Germany stressed the vital role Amateur Radio has played in education and emergencies. National Institute of Amateur Radio (NIAR) Chairman Shri Suri, VU2MY, presented a gold medal to Spanish MEP Fernando Martin, EA8AK, for his support of Amateur Radio in India, and a silver medal to Bertels. The NIAR sponsored the 2004 Andaman Islands DXpedition, which turned into an emergency communication effort after the Southeast Asia tsunami.

Exhibits and posters stressed emergency communication, space communication, well-known radio amateurs, training young people, and careers directly influenced by Amateur Radio. Displays included one on electromagnetic compatibility that demonstrated HF interference from several sources, including broadband over power line (BPL). Others touched on Morse code, PSK31, and space communication. On exhibit were engineering models of Sputnik 40 and the L/S-band antenna for the Columbus ISS module. Bertels, who is also Amateur Radio on the International Space Station (ARISS) vice chairman, outlined the ham radio activities on the space station and noted the fundraising effort now under way to provide and install the Columbus Amateur Radio antennas.

All members of the European Parliament received exhibition flyers in English, French and German. RSGB representatives also handed out brochures to MEPs that explained the benefits of Amateur Radio. "The aim was to raise the profile of Amateur Radio among Europe's politicians, and highlight the important contribution the hobby has to offer in many areas of society," Bertels said.

The exhibition attracted "significant interest" from MEPs and visitors to the European Parliament and proved to be a "huge success," Bertels said.

"One Polish MEP was so impressed that he pledged to become a radio amateur."

The ARRL Letter Vol. 26, No. 13 March 30, 2007

Ontario QSO Party

Hello Contesters

Mark the weekend of April 21/22. Contest Club Ontario invites all Amateurs to work as many VE3/VA3's as possible in the 50 Counties, Cities and Districts that subdivide the province of Ontario. This is the first year that CCO has undertaken the sponsorship of this contest. We will have our approximately 300 members out in force along with many others for whom the ONQP is their major contest of the year.

Certificates will be available to the top scores in each Province/Territory outside Ontario, each state in the U.S.A. and each DX Country. This is in addition to a large number of awards for those inside Ontario. We will have three bonus stations on, VA3CCO, VA3RAC and VE3ODX, all providing 10 point QSO's. Take a look at the revised rules on the web at <http://cco.ve3xd.com/oqp/index.htm>, noting particularly the addition of two more multipliers and the change in the time schedule. "Whose Going to be on" will gradually fill up as the contest approaches.

-Tom VE3CX

CubeSat launch scheduled: Four CubeSats operating on Amateur Radio frequencies will be among seven CubeSats set to head into space on a Dnepr launcher Tuesday, March 27, (**launch rescheduled for April 17 - ed**) from the Baikonur Cosmodrome in Kazakhstan.

CubeSats carrying Amateur Radio payloads are CalPoly's PolySats CP3 and CP4, which will transmit 1200 bps FM AFSK (AX.25) on 436.845 MHz and 437.325 MHz, respectively, under an FCC Part 5 experimental license; University of Louisiana's CAPE-1, which will transmit 9600 bps FM FSK (AX.25) and CW telemetry during opposite 30-second intervals on 435.245 MHz using the call sign K5USL (forward telemetry reports via e-mail <jd.harrist@gmail.com>), and the Universidad Sergio Arboleda's Libertad-1, which will transmit 1200 bps FM AFSK (AX.25) on 437.405 MHz. CubeSat separation is scheduled to occur March 27 at 0702 UTC with first acquisition of signal over South Africa at 0708 UTC.

The ARRL Letter Vol. 26, No. 12 March 23, 2007



Repeater VE3TBR Upgrade



Terry VA3LU assembled and setup the new VHF / UHF repeater system in his garage

John VE3EMI photo



Some of the backplane wiring in one of the cabinets

John VE3EMI photo

Installing the Repeater at the TBR site



Terry VA3LU on roof of building (nice view)



Hmmm???? and Wayne VA3WRL



Wayne VA3WRL and Brian VA3BCQ



Terry VA3LU, John VE3EMI Brian VA3BCQ



Andy VE3INI



Repeater VE3TBR Upgrade



Judy VA3EAP



Randy VA3OJ, Andy VE3INI right



Andy VE3INI and Terry VA3LU



Terry VA3LU with completed installation



Photos by Judy VA3EAP

Installation crew after wrap-up!



Freeze Your Buns Off 2007 -Bill VE3XT



Freeze Your Buns Off 2007

Well to answer the first question everyone wants to know, YES WE DID! Man was it cold. In all the years we have been doing this little bit of silliness this had to be the coldest one on record. I never did get back to Environment Canada to find the actual temp that day, but it has taken to mid March to get feeling back in my frozen finger tips.

My co conspirators in this operation were, Doug, VE3EFC, Phil, VE3AXL, Ed, VE3KRP and myself Bill, VE3XT.

As always we started off with breakfast at the Blue Parrot Restaurant planning our plan of attack, if we were smart we would have either planned it in July or in some one else's walk freezer where it would have been warmer.

If you're not aware of the premise of FYBO the deal is to operate from the field and make as many contacts as possible. Part of the scoring system is the colder the temp the more each QSO counts. We were at a disadvantage already as the minimum temp was only specified to -20F or about -30C. We had that temp beat by a fairly wide margin that day. This event is sponsored by the Arizona QRP group so you know they have a hard time to figure out cold temp's.

Phil and Ed set up their 817's and Doug was going to operate his rig portable as well but ran into a little technical trouble. So he and I operated my K1 on 20/40 CW. But as you can see Doug was otherwise very prepared with everything but the proverbial kitchen sink.

Well Phil and Ed both held up their part of the bargain and made some QSO's but Doug and I could not buy a CW QSO for love nor money.

But as in every year one of the best parts of the afternoon was when my XYL, Rita showed up with her soup wagon and ladled out steaming hot chili and fresh buns. After the hot lunch we made a hasty retreat home and long hot showers.

We will probably do the same thing next year so if you like the cold and want to try your readiness for outdoor operation



Next regular meeting

Thursday
April 12, 2007

McIntyre Building, Confederation College
Room 191
7:30 pm

See You At The Meeting!!

Notices

CANWARN TRAINING

Next planned Canwearn training will be on Monday, May 14th in the evening, at the college if the room is available. As this date is close to our meeting I thought the heads up would be a good idea. The time will be confirmed.

-John VA3JMS

THUNDER BAY VOYAGEUR AWARD

Norm VE3XRC advises that this award is no longer available. We had a request from the US and one from Europe regarding this award.

HAMFESTS

COPPER COUNTRY RADIO AMATEUR ASSOCIATION SWAP-N-SHOP

April 21, 2007 (Third Saturday of April)
Doors open at 9 am – Close: 12:00 pm

WHERE? Chassell VFW Building (U.S. 41-In Chassell)

RAFFLE? YES 50/50 TYPE

ADMISSION? \$3.00 per person

DOOR PRIZES

FOOD - Yes, Breakfast type, French Toast, etc. by VFW

TALK-IN? 146.880 MHz (-) with PL of 100.0 Hz

TABLES: \$5.00 FULL TABLE
\$3.00 HALF TABLE

RESERVE TABLES CALL GLENN EKDAHL
AT (906) 482-7743 -or- E-Mail:
wa8qnf@arrl.net

ARROWHEAD AMATEUR RADIO CLUB

HAMFEST

Saturday May 5th 2007

See Poster on page 11

The BWARC group from Grand Marias is putting on a training session in G.M. on the 27th of April and they have room for about 8 people to attend.

I already have some that have committed to go and they have first shot at it. The problem down there is it is part of a big seminar and they only have limited space. So 1st come 1served.

Also the memberships for the BWARC are now due. Anyone that would like to renew is encouraged to bring funds to the meeting on Thursday to give to Rick kb0bdn.

The membership is \$15 USD for single, or 25 USD for family parents and dependents). I think that translates into \$17.50 and \$29 CDN respectively. Exact change is appreciated.

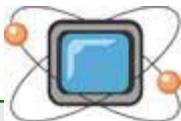
They will also be accepting new members if you feel so inclined. Thanks for your time. Any questions contact me.

-Thanks Randy VA3OJ

Ed: It seems the write-up in Hi-Q for Derrik Patola's excellent presentation at the dinner meeting in February resulted in "Derrik" being spelled in different forms! The editor (me) updated the article at different times without a proofreader!

My apologies, Derrik. -Editor

ON THE WEB



thanks to
John,
VE3EMI



NIST Radio Station WWV
<http://tf.nist.gov/stations/www.html>

High Voltage Disconnect Switch (Video)
http://www.engr.colostate.edu/~dqa/video_demos/mechatronics/high_voltage_disconnect_switch.mpg

EDUCYPEDIA
<http://www.educypedia.be/electronics/rf.htm>

Northern Ontario Swap Net

<http://users.xplornet.com/~ve3pdpat/nontsale.htm>

Or use link on
Larclub.net

LARC ARES

2



Meter Net
Every Tuesday
at
7:00 pm
On YQT !!

A BIT OF WIT

When asked for her occupation, a woman charged with a traffic violation said she was a schoolteacher. The judge rose from the bench. "Madam, I have waited years for a schoolteacher to appear before this court," he smiled with delight.

"Now sit down at that table and write 'I will not pass through a red light' five hundred times."

**THE LAKEHEAD AMATEUR
RADIO CLUB JOURNAL**

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Hi-Q is published monthly on the Sunday preceding the monthly meeting. Monthly meetings are held on the second Thursday of each month, except for July and August. Your submissions are welcome at any time. Submit early to ensure publication in next issue! Send to editor at ve3atc@spruce.ca



LARC is a member of [RAC](#)

LARC PUBLIC SERVICES**ARES**

District Emergency Coordinator
VE3FAL Fred Lesnick 577-0789

Emergency Coordinator
VA3OJ Randy Gottfred 474-0910

CANWARN

VA3JMS John 767-3631
VE3MXJ Brad 767-0628

Public Service Events

VE3MXJ Brad 767-0628
VA3JMS John 767-3631

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RAC

[Radio Amateurs of Canada](#)

LARC	Keith Fiske	VE3JQ
SENATE	Pat Doherty	VE3PD
	Dave Kimpton	VE3AVS
	Laurie Bridgett	VE3BCD
	Terry Stewardson	VA3LU
	Ed Baumann	VE3SNW

LARC	President	Terry Stewardson	VA3LU	577-9439
EXECUTIVE	Vice-President	Bob Hansen	VE3RVA	767-6924
2006—2007	Secretary	Judy Artist	VA3EAP	
	Treasurer	Joe Coghlan	VE3TBX	344-6566
	Directors	Brad Harris	VE3MXJ	767-0628
		Randy Gottfred	VA3OJ	474-0910
		Mike Nawrocki	VE3ZG	767-1714
		Bill Unger	VE3XT	344-1848
	Past President	John Sacek	VA3JMS	767-3631

About LARC

Lakehead Amateur Radio Club members have all levels of interest and knowledge in the wide spectrum of amateur radio.

Monthly meetings and contact with other members allow us to share and discuss different ideas, and to learn from each other.

LARC membership meetings are held the second Thursday of each month, September through June at 7:30 PM local time at the McIntyre Building, Confederation College Room 191

Each meeting consists of a mix of technical and light-hearted topics, with a break for meeting friends and new friends.

Anyone with an interest in ham radio is invited to join us. Amateur radio classes are also administered by LARC to help you with your Amateur Radio License contact any of the Executive members above for more information



Arrowhead Radio Amateur Club **HAM FEST!**

Sat. May 5th, 2007 9:00am – 2:00pm

HEAD OF THE LAKES FAIRGROUNDS – MULTI PURPOSE BUILDING

4700 South Tower Ave. (Wisconsin Hwy 35) Superior, WI 54880

Fairgrounds are located next to the Superior Airport.

Admission: \$6.00 (12& under FREE!)

Free parking for most vehicles.

New & used radios, supplies, equipment, and computer related items including software and hardware! Personalized Ham items also available!



Check out new equipment featured at the Burghardt's table!

This is an A.R.R.L. sanctioned event.



Talk-in on W0GKP Repeater:
146.940(-) [103.5] Duluth
147.000(-) [103.5] Mahtowa
146.940(-) [114.8] 2-Harbors

w
w
w
-
t
h
e
r
a
c
o
r
g

Dealer / Vendor Tables:
4 foot table: \$5.00
8 foot table: \$10.00
Vendor setup starts at: 7:00am

Testing on site!

10:00 AM
4-H Building
Contact: Doug
AA0AW / 218-626-2590

Table Reservations:

Robert Schulz, KC0NFB
115 Eden Lane
Duluth, MN 55805-1533
218-724-6957
arac_hamfest@charter.net

Hourly Drawings!